

JC14 Rec'd PCT/PTO 19 SEP 2001

FORM PTO-1390 (REV. 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 15280-3821US	
INTERNATIONAL APPLICATION NO. PCT/US99/28107		INTERNATIONAL FILING DATE 24 November 1999	
TITLE OF INVENTION RESISTANCE		PRIORITY DATE CLAIMED 30 November 1998	
APPLICANT(S) FOR DO/EO/US DEAN, Michael; ALLIKMETS, Rando; BATES, Susan, E.; FOJO, Antonio, T.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.			
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 36 U.S.C. 371.			
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.			
4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).			
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 37(c)(2))			
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).			
b. <input type="checkbox"/> has been communicated by the International Bureau			
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).			
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).			
a. <input type="checkbox"/> is attached hereto.			
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).			
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).			
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).			
b. <input type="checkbox"/> have been communicated by the International Bureau.			
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.			
d. <input type="checkbox"/> have not been made and will not be made.			
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (5 counterpart declarations)			
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
<b>Items 11 to 20 below concern document(s) or information included:</b>			
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13. <input type="checkbox"/> A FIRST preliminary amendment.			
14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.			
15. <input type="checkbox"/> A substitute specification.			
16. <input type="checkbox"/> A change of power of attorney and/or address letter.			
17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.			
18. <input type="checkbox"/> A second copy of the published international application under 36 U.S.C.			
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			
20. <input checked="" type="checkbox"/> Other items or information:			
copy of Notification of Missing Requirements			
Communication under 37 C.F.R. 1.821-1.825			
copy of Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures			

US Application no. (if known, see 37 CFR 1.5)  
09/856,927

INTERNATIONAL APPLICATION NO.  
PCT/US99/28107

ATTORNEY'S DOCKET NUMBER  
15280-3821US

21. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492(A)(1) - (5)):**  
Neither international preliminary examination fee (37 CFR 1.492) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1000.00  
International preliminary examination fee (37 CFR 1.482) paid to USPTO but International Search report prepared by the EPO of JPO ..... \$860.00  
International preliminary examination fee (37 CFR 1.482) paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00  
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00  
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)(4) ..... \$100.00

**CALCULATIONS PTO USE ONLY**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). ☐ 20 ☒ 30

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	20		x \$18.00	\$
Independent claims	3		x \$80.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ 270.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$130.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

**SUBTOTAL =**

Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). ☐ 20 ☐ 30

**TOTAL NATIONAL FEE =**

Fee for recording the enclosed assignment (37 CFR 1.2(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  
**TOTAL FEES ENCLOSED =** \$130.00

Amount to be refunded:	\$
charged:	\$

- a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.  
b. ☒ Please charge my Deposit Account No. 20-1430 in the amount of \$130.00 to cover the above fees.  
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-1430. A duplicate copy of this sheet is enclosed.  
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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*Kenneth A. Weber*  
SIGNATURE

Kenneth A. Weber  
NAME

31,677  
REGISTRATION NUMBER

EXPRESS MAIL NO.: EL827153191US

DATE OF DEPOSIT: September 19, 2001

Attorney Docket No.: 15280-3821US

**Enclosures:**

Form PTO 1390  
4 counterpart Declarations  
copy of Notification of Missing Requirements  
Communication under 37 C.F.R. 1.821-1.825 and Preliminary  
Amendment  
copy of Notification to Comply with Requirements for Patent  
Applications Containing Nucleotide Sequence and/or  
Amino Acid Sequence Disclosures